

10/1/08-05611

Capito, Bonnie P CIV NAVFAC Lant

From: Nielsen, Janice L CIV NAVFAC MidLant  
Sent: Monday, October 06, 2008 9:55 AM  
To: Capito, Bonnie P CIV NAVFAC Lant  
Subject: MCAS Cherry Point Proposed Plan OU2 well replacement

Attachments: Site plan.pdf; 350-A4-F1.pdf



Site plan.pdf (301 KB)  
350-A4-F1.pdf (47 KB)

Bonnie: Attached is a presentation and approval by NCDENR and EPA on new well installations to replace existing wells used for Long Term Monitoring for MCAS Cherry Point OU2 actions. Thanks, Jan Nielsen

>Jan Nielsen  
>NAVFAC Mid-Atlantic  
>Remedial Project Manager, Cherry Point  
>Marine Corps North Carolina IPT  
>(757) 322-8339  
>

-----Original Message-----

From: Townsend.Gena@epamail.epa.gov [mailto:Townsend.Gena@epamail.epa.gov]  
Sent: Wednesday, October 01, 2008 2:49 PM  
To: george.lane@ncmail.net  
Cc: erica@rhea.us; Nielsen, Janice L CIV NAVFAC MidLant; jeffrey.christopher@usmc.mil  
Subject: Re: OU2 well replacement

I agree with George

Gena D. Townsend  
US EPA  
61 Forsyth Street, SW  
Atlanta, Georgia 30303  
Tel. No: (404) 562-8538  
Townsend.Gena@epa.gov

"george.lane@ncmail.net"  
<george.lane@ncmail.net>

10/01/2008 02:47 PM

Please respond to  
"george.lane@ncmail.net"  
<george.lane@ncmail.net>

To  
<janice.nielsen@navy.mil>, Gena Townsend/R4/USEPA/US@EPA

cc  
<erica@rhea.us>,  
<jeffrey.christopher@usmc.mil>  
Subject

Re: OU2 well replacement

Hi Team,  
I see no problem with this proposal. It is approved.

George Lane  
NCDENR

-----Original Message-----

From: Erica DeLattre [mailto:erica@rhea.us]  
Sent: Tuesday, September 30, 2008 3:02 PM  
To: Gena Townsend; George Lane  
Cc: Nielsen, Janice L CIV NAVFAC MidLant  
Subject: OU2 well replacement

Gena and George,

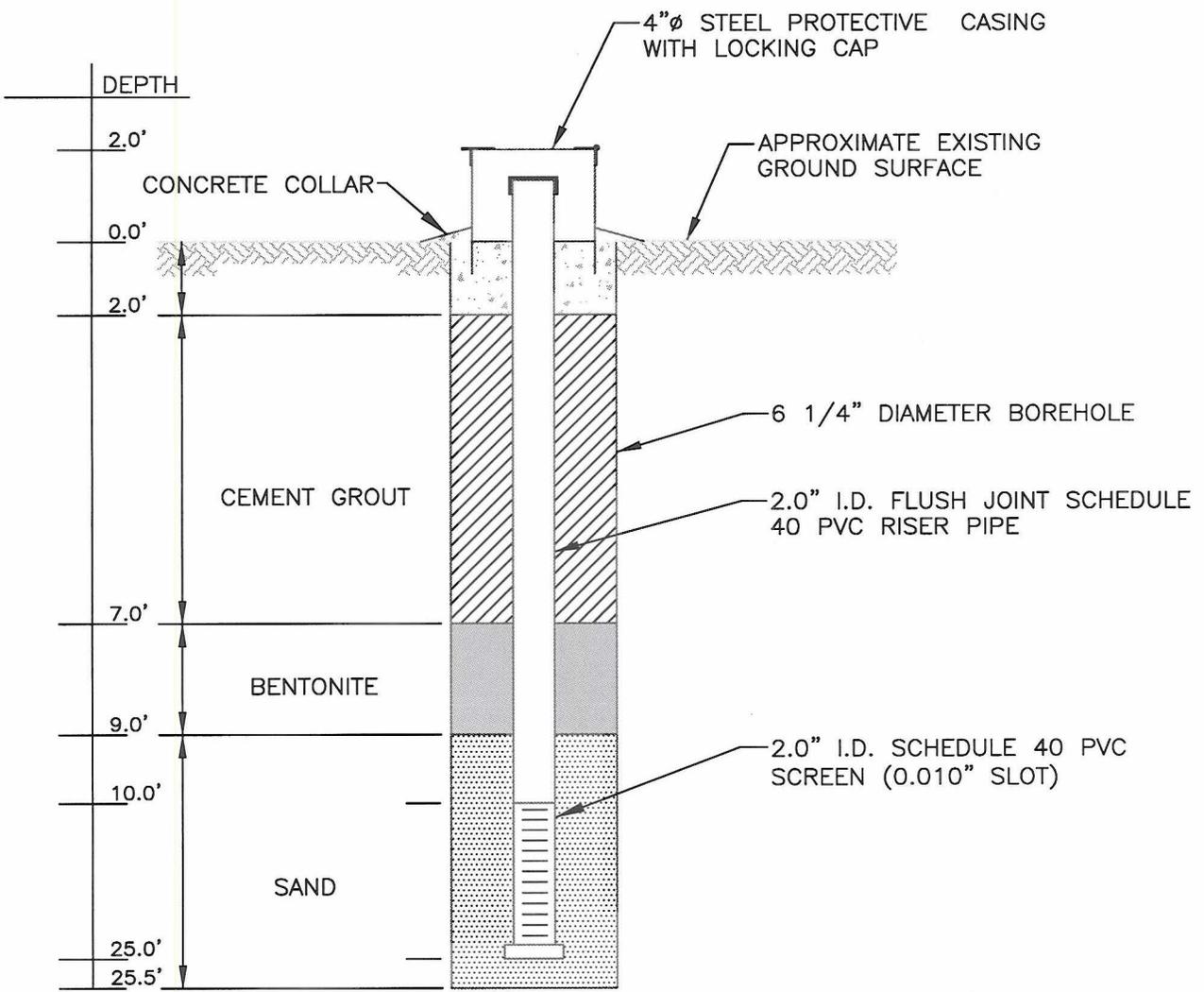
As I presented to the Partnering Team on May 8, 2008, the team agreed that we should replace OU2 wells 10EGW-03 and 10EGW-05. Both of these wells are 20 feet deep. The screened interval of 10EGW-03 is 15 to 20 feet. The screened interval for 10EGW-05 is unknown. The surficial aquifer "EGW" wells typically have a screened interval of 15 to 20 feet. The surficial aquifer of the "GW" wells typically have a screened interval of 10 to 25 feet and obviously they are 25 feet deep.

Due to the fact that on several occasions, the water level is above the screened interval on 10EGW-03, I propose that the new wells that replace these wells be 25 feet deep with a screened interval of 10 to 25 feet. I have also attached a site plan with well locations and a schematic of the wells installation details. Please review this and let me know if it is acceptable.

Thanks!

Erica L.S. DeLattre, P.E.  
Rhea Engineers & Consultants, Inc.  
4951 William Flynn Highway  
Gibsonia, PA 15044  
724-443-4111

00-00-00	09/30/08	1:1	KLH	CHECKED BY	09-30-08	ELSD	350-A4-F1	CAD FILE NUMBER	00-00-00	R #	00-00-00	DATE	DESCRIPTION
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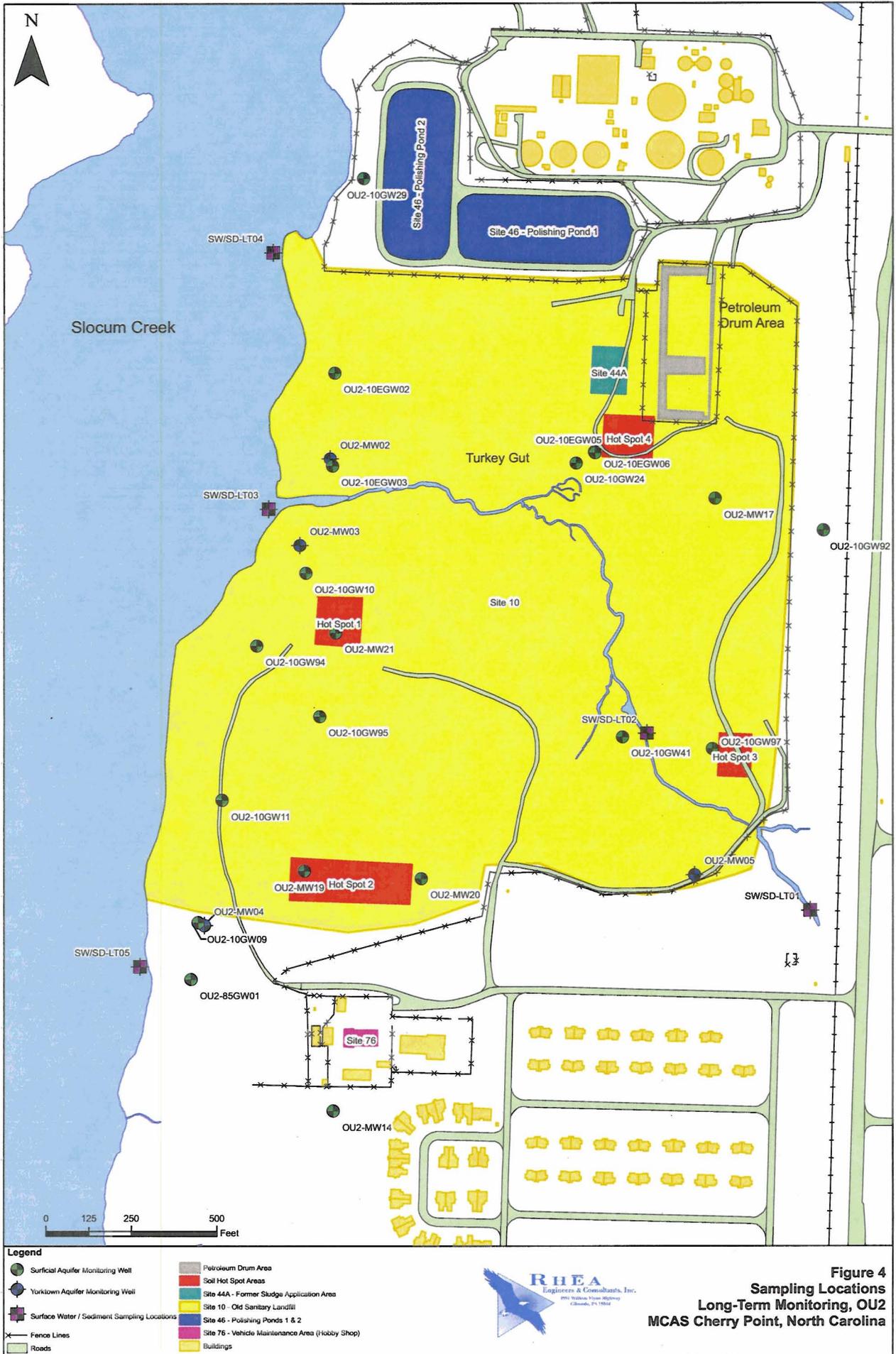


(N.T.S.)

FIGURE 1  
MONITORING WELL DETAIL  
OU2 WELL REPLACEMENT

PREPARED FOR  
MCAS CHERRY POINT  
NORTH CAROLINA





**Figure 4**  
**Sampling Locations**  
**Long-Term Monitoring, OU2**  
**MCAS Cherry Point, North Carolina**



- Legend**
- Surficial Aquifer Monitoring Well
  - Yorktown Aquifer Monitoring Well
  - Surface Water / Sediment Sampling Locations
  - Fence Lines
  - Roads
  - Petroleum Drum Area
  - Soil Hot Spot Areas
  - Site 44A - Former Sludge Application Area
  - Site 10 - Old Sanitary Landfill
  - Site 46 - Polishing Ponds 1 & 2
  - Site 76 - Vehicle Maintenance Area (Hobby Shop)
  - Buildings